

FORM PTO-1449

(REV. 7-80)

U.S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK  
OFFICE

ATTY. DOCKET NO.  
50001/84:2

APPLICATION NO.  
10/077,691

APPLICANT  
Mark Unrath et al.

FILING DATE  
February 15, 2002

GROUP  
2874

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SSA</i>	AA	5 9 4 6 1 5 2	Aug 1999	Baker	359	872	
<i>SSA</i>	AB	5 8 4 7 9 6 0	Dec 1998	Cutler et al.	364	474.29	
<i>SSA</i>	AC	5 7 9 8 9 2 7	Aug 1998	Cutler et al.	364	474.3	
<i>SSA</i>	AD	5 7 5 1 5 8 5	May 1998	Cutler et al.	364	474.03	
<i>SSA</i>	AE	5 4 5 2 2 7 5	Sep 1995	Ogawa	369	44.11	
<i>SSA</i>	AF	5 2 6 2 7 0 7	Nov 1993	Okazaki et al.	318	592	
<i>SSA</i>	AG	5 1 2 6 6 4 8	Jun 1992	Jacobs	318	640	
<i>SSA</i>	AH	4 9 4 1 0 8 2	Jul 1990	Pailthorp et al.	364	167.01	
<i>SSA</i>	AI	4 5 4 4 8 8 9	Oct 1985	Hendriks et al.	324	158 P	
<i>SSA</i>	AJ	4 5 3 2 4 0 2	Jul 1985	Overbeck	219	121 LU	
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>SSA</i>	AR	"Precision Fast Steering Mirrors," Ball Aerospace & Technologies Corp., Bolder, CO, ©1999, pp. 1-3.
<i>SSA</i>	AS	"S-330 QxQy Ultra-Fast Piezo Tip/Tilt Platforms," Physik Instrumente (PI) GmbH & Co., Karlsruhe, Germany, printed 2/5/02 from <a href="http://www.physikinstrumente.com/pztactiveoptics/3_10.html">www.physikinstrumente.com/pztactiveoptics/3_10.html</a> , pp.1-5.
	AT	

EXAMINER

*Denise A. Allen*

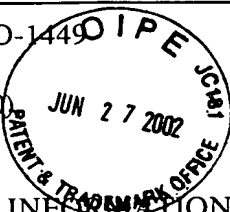
DATE CONSIDERED

*6/26/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DSA</i>	AA	6 0 8 8 1 0 7	Jul 2000	Livingston	356	375	
<i>DSA</i>	AB	5 6 7 3 1 1 0	Sep 1997	Erickson et al.	356	357	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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## FOREIGN PATENT DOCUMENTS

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